

# US Army Training and Doctrine Command

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Operational Energy Meet Ups: Flock of Eagles Lead Army OE Effort ("The DoD Energy Blog", By Dan Nolan) CASCOM has let a one year contract to produce the appropriate Capability Development Documents and Capability Production Documents. Using the Army Operational Energy Campaign Plan (AOECP) and draft Initial Capabilities Document (ICD) the team will have 12 months to define requirements for Army Operational Energy for the next couple of decades.

<u>Westphal: Leader Development Essential to Army Of 2020</u> (Fort Leavenworth Lamp, By Melissa Bower) Joseph Westphal, Under Secretary of the Army, said he was encouraged by the diversity among the modern officer corps, the high level of participation of international and sister services at Command and General Staff College and also the quality of leader development taking place within the Combined Arms Center. All of these will be necessary in facing future crises.

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## InsideDefense.com

## **Army Beefing Up Stateside Robotics Training As Systems Proliferate**

By Sebastian Sprenger

The Army is taking steps for troops to train with ground robots during deployment preparations at various U.S. bases because the systems are becoming an integral part of the Army's force structure, according a Pentagon report.

The move comes as ground service officials are beginning to design the outlines of an eventual program of record for ground robotic systems following years of fielding new systems -- many related to countering improvised explosive devices -- quickly and with little regard for the Army's greater program portfolio.

In addition to the creation of Joint Robotic Repair and Training Teams at Army bases throughout the country, the Army is considering a "RS JPO Robotics University" in conjunction with the service's Training and Doctrine Command, according to an addendum to the Defense Department's unmanned ground systems roadmap, published by the robotic systems joint project office.

The document, dated July 2012, says the notional "university" would train operators on multiple platforms within one course and "fill the gap" between Army Forces Command and TRADOC in creating robotics-proficient soldiers,

JRRTTs are sponsored by the robotic systems joint project office and FORSCOM.

Additionally, joint project office officials are "posturing themselves" to incorporate unmanned systems -- both commercial systems and programs of record -- into the standard Army logistics information systems, according to the roadmap addendum. Moreover, "emerging contracts will be structured so that organizations can acquire the minimum logistics information relative to sustainment costs," the document adds.

Earlier this year, Lt. Gen. John Campbell, the Army deputy chief of staff for operations, issued guidance on which systems the Army should keep following the U.S. withdrawal from Afghanistan. "A number of these systems are authorized for retention and to compete for Army operations and maintenance funding in fiscal years 2014-2018, based on the cost-benefit analysis that considered costs to procure, reset, store and sustain systems funded from contingency," the addendum states.

The systems include small unmanned ground vehicles like the Packbot 500 FasTac, the SUGV XM-1216 with tether and the SUGV 310, as well as man-transportable robots like the TALON III B, the TALONG IV and the Packbot 510, according to the document.

Details about how these systems will be sustained have yet to be finalized, with more information expected in the Army's forthcoming unmanned ground vehicle campaign plan, the document states. That plan is slated for completion by the the end of the year, said John Clements, a capability developer at the Army's Maneuver Center of Excellence, on Aug. 28 at an industry conference in Alexandria, VA (Inside the Army, Sept. 3). <a href="https://example.com/html/enables/bases



"The DoD Energy Blog"

## Operational Energy Meet Ups: Flock of Eagles Lead Army OE Effort

By Dan Nolan

This past February, the U.S. Army Rapid Equipping Force (REF) sponsored an operational energy conference at Arizona State University. Almost all of the players in the Army appeared and described their various programs. The major teams represented were the Operations (REF), Acquisition (PM, Mobile Electric Power and others), Logistics (G4), and Training and Doctrine (Brigade Modernization Command). The only thing missing were the folks that write the JCIDS documents that articulate the capabilities required of the force regarding operational energy. Now that problem has been addressed. If you need a refresher on the Joint Capabilities Integration and Development System (JCIDS), review this post.

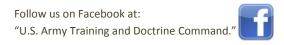
The Combined Arms Support Command (CASCOM) has let a one year contract to produce the appropriate Capability Development Documents and Capability Production Documents. Using the Army Operational Energy Campaign Plan (AOECP) and draft Initial Capabilities Document (ICD) the team will have 12 months to define requirements for Army Operational Energy for the next couple of decades. The effort is being led by COL Bruce B. McPeak, the Director of Material Systems at CASCOM, and the newest member of the OE "Flock of Eagles".

If you are interested in learning more about the "Flock", head over to the Military Mobile Power Summit at the Mary M. Gates Learning Center, Alexandria VA., 19-20 September. You will get to hear from the Navy, Marines and Army as well as DOE. In addition to COL McPeak, COLs Newell (REF), Roege (G4), Hill (ASA,IE&E) and Cummings (represented by LTC Foster, PM-MEP) will present. These five Colonels represent the Army's uniformed brain trust on operational energy. Any time you put five Colonels on a problem, you should expect rapid solutions. The Army is leading in experimenting and researching, but until the JCIDS documents get done, it is just tinkering at the margins. Requirements come from the JCIDS process and Requirements drive Acquisition. If any readers attend, please give me a SitRep. You can register for the event at- http://mobilepower.dsigroup.org/ or contact Lisa Madison at 1-347-732-5326 for more information or to register.

The USMC, which somehow seems to get by with just one Colonel, has released the data collected on energy use in SW Afghanistan. According to the release, "This report is focused on three distinct topics. First, the results of the recent Expeditionary Energy Office metering efforts in RC(SW), Afghanistan. Second, presenting the lessons learned from the ExFOB 2010-2 Extended User Evaluation (EUE) focused on efficient powering and cooling of Command Operations Centers (COCs). Lastly, presenting an explanation of variable power demand and how probability profiles can be used to understand the impact of USMC operating procedures on fuel consumption. As soon as the report is available, I will post a link.

Finally, from the USMC, the next ExFOB or BTOT (bring your own toys) is ready to go down at Camp Pendleton, Calif., Sept 17-21. The Marine Corps' Experimental Forward Operating Base (ExFOB) process is designed to identify and evaluate commercial technologies that can increase the self-sufficiency of expeditionary forces. ExFOB will host invited vendors to demonstrate their technologies. Fourteen companies will pay their way into the ExFOB in order to demonstrate 19 advanced thermal efficiency technologies that provide energy efficient heating and cooling of personnel, bulk water, electronics,





vehicles, and shelters. If the Leathernecks like something, maybe they will buy a few for follow on deployment and testing. The suite of technology, India Company 3/5 Marines tried out in late 2010 resulted in a \$25M purchase for the rest of the Corps. As in all the experimentation that is going on, significant upfront investment is required of industry, but the potential pay back maybe worth that investment.

The challenge for small business is that most of the OE experimentation requires vendors to bring their gear to these events, at their own cost, in hopes of a follow on purchase. The only folks with the resources available to make the follow on purchases are the REF and USMC Expeditionary Energy Office. If you are trying to impress someone, impress them.



Fort Leavenworth Lamp

#### Westphal: Leader Development Essential to Army Of 2020

By Melissa Bower

FORT LEAVENWORTH, Kan. -- By the time the students in today's Command and General Staff College Intermediate Level Education class are leading the Army, the Army of 2020 will already be here, the under secretary of the Army said last week.

Joseph Westphal visited with Intermediate Level Education, known as ILE, students Sept. 7, to discuss the future of the force, the importance of leadership development and continuing excellence in the face of potential budget cuts.

"The Army of 2020 is the Army we have, they need to think way beyond 2020 for the future force," Westphal said of military officers.

The Army should also be considering possible future roles in space, Westphal said.

"What role will the Army be?" Westphal asked. "What role will the Army play in space assets? Will that continue to be an Air Force function? As we think of the world becoming smaller, how is the Army going to be an Army of the future and how are we transforming into that Army?"

In terms of information technology, Westphal said the Army needs to be ahead of the curve.

"Much of our equipment, our tactical side, will define the Army of 2020," he said. "Will it define the Army of 2090? Probably not."

Westphal said he was encouraged by the diversity among the modern officer corps, the high level of participation of international and sister services at Command and General Staff College and also the quality of leader development taking place within the Combined Arms Center. All of these will be necessary in facing future crises, Westphal said.

Westphal said the budget outlook is bleak, even if the sequestration cuts imposed by the Budget Control Act do not take effect. If sequestration takes effect, it would require across the board cuts of billions of dollars over the next nine years in addition to those that the Department of Defense is already making.

Westphal said if sequestration takes effect, it could have a very negative impact in the way the modern force defends the United States.

"It means across the board cuts," he said. "Everyone is affected. Budget planners won't be able to choose which departments."

Westphal said the cuts could either happen now, or Congress could decide to extend the budget process a few months.



## **TRADOC Daily News, September 18, 2012**

"They're both really bad choices," he said. "Doing it right away is bad, doing it three months from now is worse."

Budget challenges, but also thinking beyond those to the future Army, will require leaders that are flexible and creative, Westphal said.

"We absolutely have to have the capacity to move our Army in different directions, to expand our capabilities, and that can only be done by having a high level of leader development in our force," he said.



#### CASCOM Public Affairs

#### **Culinary Team Prepares To Go For Gold at Olympics**

FORT LEE, Va. - The U.S. Army Culinary Arts Team, which is managed by the Joint Culinary Center of Excellence, Quartermaster School, Combined Arms Support Command, is the military's national culinary team. The JCCoE trains and develops food service leaders, from all services, throughout their careers from advanced individual training through advanced professional courses.

This joint service team, which competes at international-level events such as the Culinary World Cup and the Culinary Olympics in Europe, has traditionally been the principal means of mentoring young chefs.

"Part of the inherent responsibility of being on the USACAT team is that members must give back to our career field by providing training," Chief Warrant Officer 4 Russell D. Campbell, chief, Advanced Food Service Training Division, Joint Culinary Center of Excellence, said. "Many of the team members serve as mentors to less experienced culinarians, who may be dining facility cooks, all the way to enlisted aides."

USACAT represents the elite of military food service. The team is primarily made up of U.S. Army personnel however, the U.S. Navy and U.S. Coast Guard are also represented. Team members are selected through military competitions and qualifying events.

To promote the professionalism of food service personnel and continue to develop training and educational outreach opportunities, USACAT participates in local, national and international culinary competitions. Team members also support recruiting, conduct training and provide demonstrations across the country.

Currently, USACAT is preparing for their return to the prestigious world Culinary Olympics in Erfurt, Germany, in October 2012. The Culinary Olympics is the largest culinary exhibition in the world; more than 1,500 chefs, representing over 45 countries, are expected to compete. The event is expected to draw more than 24,000 visitors to tour this year's competition.

"The members of the team are proud to represent the U.S. Army and all the services as we prepare to compete in the 2012 Culinary Olympics," added Campbell, who also serves as the team manager.

In 2008, USACAT placed second in the military category - only 6 points separated first and second place. USACAT received gold medals in both the hot and cold-food events.

Opening ceremonies for the 2012 Culinary Olympics take place October 5. The Olympics conclude with an awards ceremony on October 10.

Primary USACAT members, who will be participating, include:

\* Sergeant First Class Steven Broome, U.S. Army (Team Captain)

Assigned to: Enlisted Aide to the Vice Chief of Staff of the Army

Civilian credentialing: Certified Executive Chef

Hometown: Miami, Florida

\* Senior Chief Petty Officer Derrick Davenport, U.S. Navy

Assigned to: Enlisted Aide to the Chairman of the Joint Chiefs of Staff

Civilian credentialing: Certified Executive Chef and Certified Executive Pastry Chef



## TRADOC Daily News, September 18, 2012



Hometown: Detroit, Michigan

\* Sergeant First Class Motavia Alston, U.S. Army

Assigned to: Enlisted Aide to the Chief Staff of the Army

Civilian credentialing: Certified Executive Chef

Hometown: Windsor, North Carolina
\* Staff Sergeant Billy Daugette, U.S. Army

Assigned to: Enlisted Aide to the Chairman of the Joint Chiefs of Staff

Hometown: Huntsville, Texas
\* Sgt. Sarah Deckert, U.S. Army

Assigned to: Enlisted Aide to the Surgeon General Civilian credentialing: Certified Executive Chef

Hometown: Grand Junction, Colorado

\* Petty Officer 1st Class Ed Fuchs, U.S. Coast Guard

Assigned to: Department of Homeland Security Executive Dining Facility

Civilian credentialing: Certified Chef de Cuisine

Hometown: Omaha, Nebraska

\* Chief Warrant Officer 4 Russell Campbell -- U.S. Army (Team Manager) Assigned to: Director, Advanced Food Service Training Division, JCCoE

Civilian credentialing: Certified Executive Chef

Hometown: Avilla, Indiana

The team also has several apprentices to help train and grow the next generation of food service leaders. Apprentices are:

\* Staff Sergeant Edmond Perez, U.S. Army Assigned to: Enlisted Aide to NORTHCOM CDR

Civilian credentialing: ProChef I Hometown: San Antonio, Texas

\* Private First Class Samantha Poe, U.S. Army Assigned to: Pentagon Executive Dining Facility

Hometown: Kennett, Missouri

\* Petty Officer 2nd Class Jason Rohrs, U.S. Coast Guard

Assigned to: Department of Homeland Security Executive Dining Facility

Hometown: Napoleon, Ohio
\* Sergeant Marc Susa, U.S. Army
Assigned to: III Corps, Fort Hood, Texas

Hometown: Honolulu, Hawaii

\* Staff Sergeant David Marcelli, U.S. Army

Assigned to: Advanced Food Service Training Division, JCCoE

Hometown: Cleveland, Ohio

\*Staff Sergeant Steven Behr, U.S. Army

Assigned to: Advanced Food Service Training Division, JCCoE

Hometown: York, South Carolina



#### Study: Military Substance Abuse at 'Crisis' Levels

By Gregg Zoroya

The Pentagon must acknowledge a "public health crisis" in the growing abuse of alcohol and prescription drugs by troops and show stronger leadership in dealing with it, according to a report released Monday.

The report by an Institute of Medicine panel calls for better policing of underage drinking, reducing access to alcohol on bases and bringing treatment programs -- some of which haven't evolved since the Vietnam War -- into the 21st century.

"I think they're ready to acknowledge that they can do better," Dennis McCarty, a public-health expert on the panel, said of the military. Alcohol and drug abuse are linked to record suicides plaguing the military, a problem that Defense Secretary Leon Panetta told USA TODAY requires stronger leadership to address.

The study emerges as new Pentagon figures show the number of prescription medications handed out by military caregivers has soared since the Afghanistan War began in 2001.

Nearly 5 million prescriptions for pain medication, tranquilizers, muscle relaxants, stimulants and barbiturates were provided to troops last year, up from fewer than a million in 2001, according to Pentagon data.

The panel cites statistics showing opiate pain medication abuse increasing in the military from 2% to 11% from 2005 to 2008, the latest data available.

The problem was worse in the Army, which has borne much of the fighting in Iraq and Afghanistan. There, one in four soldiers admitted in 2008 to abusing prescription drugs during a one-year period.

About one in four soldiers who served in Iraq and Afghanistan last year -- or about 63,000 GIs -- admitted they have a drinking problem, according to Pentagon data.

The services operate substance-abuse programs with little direction or accountability from the Pentagon and this needs to change. The committee report says.

Pentagon spokeswoman Cynthia Smith said military health officials "are in the process of analyzing (the committee's) findings and recommendations. But most importantly, we want to do the right thing by the servicemember. If there are areas in need of improvement, then we will work to improve those areas."



#### Associated Press

#### Verdict on 1 Year of Gays Serving Openly In Military: Limited Problems, Lots of Success

By David Crary

NEW YORK - They are images Americans had never seen before. Jubilant young men and women in military uniforms marching beneath a rainbow flag in a gay-pride parade. Soldiers and sailors returning from deployment and, in time-honored tradition, embracing their beloved — only this time with same-sex kisses.

It's been a year now since the policy known as "don't ask, don't tell" was repealed, enabling gay and lesbian members of the military to serve openly, no longer forced to lie and keep their personal lives under wraps.

The Pentagon says repeal has gone smoothly, with no adverse effect on morale, recruitment or readiness. President Barack Obama cites it as a signature achievement of his first term, and his Republican challenger, Mitt Romney, says he would not push to reverse the change if elected in place of Obama.

Some critics persist with complaints that repeal has infringed on service members whose religious faiths condemn homosexuality. Instances of anti-gay harassment have not ended. And activists are frustrated that gay and lesbian military families don't yet enjoy the benefits and services extended to other military families.

Yet the clear consensus is that repeal has produced far more joy and relief than dismay and indignation. There's vivid evidence in photographs that have rocketed across cyberspace, such as the military contingent marching in San Diego's gay pride parade and Marine Sgt. Brandon Morgan leaping into the arms of his boyfriend after returning from six months in Afghanistan.

Tens of thousands of people clicked the "like" button for the photo on Facebook, and Morgan acknowledged it was "a great moment in history."

"But when it comes down to it, we didn't intend for this go to worldwide," he said. "We were just happy to be together."

There have been many such milestones since repeal took effect on Sept. 20, 2011:

- -In December, a lesbian sailor won the right to the coveted "first kiss" when the USS Oak Hill returned to port in Virginia after 80 days at sea. The crowd on hand to welcome the ship screamed in delight and waved flags as Petty Officer 2nd Class Marissa Gaeta shared a kiss with her partner, Citlalic Snell a moment captured in a YouTube clip that drew 1.5 million viewers.
- -In June, Air Force Tech. Sgt. Erwynn Umali and his civilian partner were united in a civil union ceremony at the chapel at Joint Base McGuire-Dix-Lakehurst in New Jersey, with a Navy chaplain presiding.



-In August, longtime Army officer Tammy Smith became the military's first openly gay general. Her wife, Tracey Hepner, did the honors of pinning on the general's star during the promotion ceremony.

Smith and Hepner were married in March in the District of Columbia, one of many same-sex couples inspired to wed when they no longer had to conceal relationships. Among other newlyweds are Air Force Major Adrianna Vorderbruggen and her civilian wife, Heather Lamb, who married in June, and are raising a 17-month-old son near Washington.

Lamb said she'd attended a squadron family and spouse support event, and was recognized by the commander during Vorderbruggen's recent promotion ceremony.

"None of it could have happened before repeal," Lamb said.

Another couple, Alisdair Mackay and Stephen Peters, were married last December in New York shortly before Mackay, a Marine Corps major, began a one-year deployment to Afghanistan. Peters, a former Marine discharged under "don't ask, don't tell" in 2007, said the post-repeal experience had been wonderful, by and large, for him and Mackay.

"The Marines he works with are completely supportive," Peters said. "He's able to be honest about me and our lives together."

The main downside, Peters said, is that the Pentagon doesn't officially recognize same-sex couples when allocating medical coverage, housing and travel allowances, and other benefits.

Peters is president of the American Military Partner Association, one of several advocacy groups which says the Obama administration could act on its own to extend these benefits, even without Congress repealing the 1996 law denying federal recognition to same-sex marriages.

"We were told that once we won repeal, these types of things would be inevitable ... but now the defense leadership is dragging its feet," said Alex Nicholson, who was ousted from the Army under "don't ask" in 2002 and later founded Servicemembers United, an organization for gay military personnel and veterans which pressed for repeal.

The Defense Department says it is studying the possibility of extending marital benefits to same-sex couples, but has announced no time frame. Otherwise, the Pentagon has been emphatic in declaring the repeal a success.

The reasons, said Pentagon spokeswoman Eileen Lainez, include comprehensive pre-repeal training, vigorous monitoring and enforcement of standards, and service members' "adherence to core values that include discipline and respect."

Last week, the Palm Center — a research institute at the University of California, Los Angeles — issued what it described as the first academic study of the impact of repeal, which it had supported. Coauthored by professors from the military academies and Marine Corps War College, the study concludes that repeal had no broad negative impact.



"Contrary to expectations, the co-authors found evidence that repeal has improved trust among the troops, and has enabled service members to resolve problems in ways that were not possible while DADT remained law," the Palm Center said.

Anti-gay harassment and discrimination persist, according to the study. It cited an incident in April when a squadron commander told a female officer to stop dancing with her girlfriend at a military ball, swore at the women and called them an "abomination."

However, the study noted that harassment and bias had existed before repeal, and contended the problems had not worsened in the past year.

Nonetheless, some critics insist repeal has been disruptive, and argue that the scope of the troubles is hard to gauge because some military personnel fear repercussions if they speak up.

One opponent of repeal, Elaine Donnelly of the conservative Center for Military Readiness, says Obama "has recklessly used the armed forces for unprecedented social experimentation." She welcomed a section of the Republican Party's new platform pledging to review military personnel policies and correct problems that might be uncovered.

Donnelly and her allies had predicted that repeal would infringe on the religious liberty of chaplains from conservative denominations which condemn homosexuality. An inquiry by The Associated Press this summer concluded that such problems had not materialized on a widespread basis; officials from several conservative faiths said their chaplains were faring well in the post-repeal era.

Nonetheless, Sens. Roger Wicker, R-Miss., and Jim Inhofe, R-Okla., introduced a bill on Sept. 11 that they said would protect chaplains' freedom of conscience. The bill would prevent chaplains from being forced to preside at same-sex marriages and civil-union ceremonies — a policy that the Pentagon already follows — and would prohibit such ceremonies at military facilities. Under current policy, these ceremonies are allowed on bases where the marriage or civil union is legal under state law.